

Reference U

L11 ANSWER 1016 OF 4129 HCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1984:406176 HCAPLUS
 DOCUMENT NUMBER: 101:6176
 ORIGINAL REFERENCE NO.: 101:1063a,1066a
 TITLE: Studies on amines and ammonium compounds. CLXXIV.
 Bromination of unsaturated compounds with complexes
 formed between bromine and
 1,4-bis(trialkylammonium)-2-butene dihalides
 Gul'nazaryan, A. Kh.; Khachatryan, N. G.; Saakyan, T.
 A.; Churkina, N. P.; Babayan, A. T.
 CORPORATE SOURCE: Inst. Org. Khim., Yerevan, USSR
 SOURCE: Armyanskii Khimicheskii Zhurnal (1984),
 37(1), 29-33
 CODEN: AYKZAN; ISSN: 0515-9628
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 101:6176
 AB Unsaturated hydrocarbons, esters, BuOCH:CH2 and CH2:CHCH2R (R = Br, OH) were
 brominated by Me3N+CH2CH:CHCH2N+Me3·Br3 X- (I; X = Cl, Br) in
 ≥85% yield. Thus, reaction of 1-heptene with I (X = Br) at
 40-50° for 2 h gave 98.1% 1,2-dibromoheptane.
 IT 78400-99-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (bromination by, of unsatd. organic compds.)
 RN 78400-99-4 HCAPLUS
 CN 2-Butene-1,4-diaminium, N,N,N,N',N',N'-hexamethyl-, bromide (tribromide)
 (9CI) (CA INDEX NAME)
 CM 1
 CRN 78400-98-3
 CMF C10 H24 N2



CM 2
 CRN 14522-80-6
 CMF Br3

